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UNITED STATES DEPARTMENT OF AGRICULTURE
CONSUMER AND MARKETING SERVICE
MARKET NEWS SECTION — COTTON DIVISION
P. O. BOX 17723 MEMPHIS, TENNESSEE 38117



United States Cotton Quality Report For Ginnings Prior To October 1, 1970

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Upland cotton ginned in the United States prior to October 1 this season contained a record-high proportion of 1-1/16" cotton, according to the Department of Agriculture, Consumer and Marketing Service. About one-half of the total ginnings was in this length. Middling and higher White grades accounted for the smallest proportion of ginnings through September 30 on record. The Light Spotted grades comprised a much higher percentage of this season's ginnings prior to October 1 than a year earlier. Cotton miking in the 3.5-4.9 premium range accounted for 80 percent of ginnings against 76 percent a year ago. Fiber strength averaged 85,000 pounds per square inch compared with 87,000 pounds last season.

Average Staple Longer

The average staple of upland cotton ginned prior to October 1 this season was 33.4 thirty-seconds inches. This compares with 33.2 thirty-seconds inches in the same period a year ago. The lengths 1-1/16" and longer comprised 68 percent of ginnings through September 30 against 64 percent in the corresponding period last season. Cotton stapling 1-1/16" accounted for 53 percent of total ginnings, the highest percentage on record. The staples one inch and 1-1/32", combined, were equivalent to 20 percent of this season's ginnings through September 30 compared with 17 percent in the same period a year ago. Cotton shorter than 1" accounted for 12 percent of ginnings prior to October 1 compared with 19 percent in the preceding season.

Grade Index Lower

The grade index of upland cotton ginned prior to October 1 this season was 91.4 (Middling White = 100) compared with 93.3 in the corresponding period last season. Middling and higher White grades were equivalent to a record low proportion - 16 percent - of total ginnings through September 30. Strict Low Middling Plus and lower White grades comprised 48 percent of this season's ginnings compared with 53 percent a year earlier. The Light Spotted grades accounted for 33 percent of ginnings through the end of September against 22 percent a year ago.

Micronaire and Fiber Strength

The average mike reading of cotton ginned prior to October 1 this season was 4.5 compared with 4.6 in the same period a year ago. Cotton miking in the 3.5 to 4.9 category accounted for 80 percent of ginnings through September 30 compared with 76 percent last season. The fiber strength of cotton ginned prior to October 1 averaged 85,000 pounds per square inch compared with 87,000 pounds a year ago. Cotton in the 80,000 to 89,000 range comprised 69 percent of ginnings, the same as last season and cotton stronger than 90,000 pounds accounted for 16 percent of ginnings against 28 percent a year earlier.

Total Ginnings

Cotton ginned prior to October 1 this season totaled 1,122,000 bales, according to the Bureau of the Census. This compares with ginnings of 1,609,000 bales to the same date last season and 1,414,000 bales two years ago. Cotton ginned prior to October 1 this season was equivalent to about 11 percent of the indicated 1970 crop against 16 percent a year earlier. Ginnings were running below last season's rate in all but the southeastern area of the belt.

Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	September 1-30				Season through September 30				Supply to October 1				Change in Supply	
		1969		1970		1969		1970		1969		1970		1970 from 1969	
		Bales	Pct.	Bales	Pct.	Bales	Pct.	Bales	Pct.	1,000 bales	1,000 bales	Pct.	Pct.	1,000 bales	Pct.
White															
G.M.	(11)	10	*	56	*	36	*	71	*	2	1	*	*	-1	-50.0
S.M.	(21)	20,733	1.9	17,905	2.1	26,971	1.7	18,894	1.7	147	123	1.8	1.8	-24	-16.3
M.+	(30)	308	*	151	*	355	*	151	*	67	53	0.8	0.8	-14	-20.9
M.	(31)	211,080	19.6	125,713	14.9	328,036	20.5	155,176	13.8	1,498	1,219	18.9	18.1	-279	-18.6
S.L.M.+	(40)	8,977	0.8	5,394	0.6	18,200	1.1	6,989	0.6	441	368	5.5	5.5	-73	-16.6
S.L.M.	(41)	447,430	41.6	267,367	31.9	637,450	39.8	375,508	33.5	2,407	1,977	30.4	29.3	-430	-17.9
L.M.+	(50)	13,333	1.2	9,585	1.1	28,551	1.8	14,612	1.3	297	239	3.7	3.6	-58	-19.5
L.M.	(51)	67,301	6.2	69,272	8.2	140,642	8.7	122,573	10.9	601	550	7.6	8.2	-51	-8.5
S.G.O.+	(60)	254	*	472	0.1	1,869	0.1	750	0.1	20	16	0.3	0.2	-4	-20.0
S.G.O.	(61)	7,130	0.7	6,114	0.7	15,350	1.0	10,980	1.0	101	72	1.3	1.1	-29	-28.7
G.O.+	(70)	-	-	8	*	39	*	8	*	1	0	*	*	0	-
G.O.	(71)	1,431	0.1	613	0.1	2,176	0.1	804	0.1	11	10	0.1	0.1	-1	-9.1
Light Spotted															
G.M.	(12)	16	*	11	*	16	*	11	*	1	**	*	*	-1	-100.0
S.M.	(22)	1,410	0.1	1,713	0.2	2,624	0.2	1,843	0.2	38	67	0.5	1.0	+29	+76.3
M.	(32)	81,909	7.6	64,180	7.6	142,177	8.8	78,792	7.0	794	654	10.1	9.7	-140	-17.6
S.L.M.	(42)	134,969	12.6	161,729	19.3	166,114	10.3	201,299	17.9	779	860	9.8	12.8	+81	+10.4
L.M.	(52)	41,087	3.8	66,565	7.9	47,260	2.9	83,865	7.5	201	240	2.5	3.6	+39	+19.4
Spotted															
G.M.	(13)	-	-	-	-	-	-	-	-	1	-	*	-	-1	-100.0
S.M.	(23)	149	*	155	*	196	*	214	*	23	9	0.3	0.1	-14	-60.9
M.	(33)	4,757	0.4	4,011	0.5	5,437	0.3	4,390	0.4	177	40	2.2	0.6	-137	-77.4
S.L.M.	(43)	20,884	1.9	23,762	2.8	21,568	1.3	25,414	2.3	154	100	1.9	1.5	-54	-35.1
L.M.	(53)	10,195	0.9	11,523	1.4	10,575	0.7	12,605	1.1	56	38	0.7	0.6	-18	-32.1
Tinged 2/ (14-54)	(14-54)	134	*	128	*	154	*	143	*	75	38	0.9	0.6	-37	-49.3
Stained 2/ (15-35)	(15-35)	10	*	-	-	10	*	-	-	2	5	*	0.1	+3	+150.0
Light Gray															
G.M.	(16)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S.M.	(26)	208	*	173	*	426	*	173	*	2	1	*	*	-1	-50.0
M.	(36)	1,008	0.1	663	0.1	3,329	0.2	927	0.1	14	16	0.2	0.2	+2	+14.3
S.L.M.	(46)	655	0.1	390	0.1	3,087	0.2	683	0.1	8	2	0.1	*	-6	-75.0
Gray															
G.M.	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S.M.	(27)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M.	(37)	174	*	42	*	279	*	57	*	1	**	*	*	-1	-100.0
S.L.M.	(47)	209	*	53	*	544	*	68	*	3	**	*	*	-3	-100.0
Below Grade 3/		4,374	0.4	4,403	0.5	4,887	0.3	5,048	0.4	33	32	0.4	0.5	-1	-3.0
111 grades		1,080,135	100.0	842,151	100.0	1,608,358	100.0	1,122,048	100.0	7,955	6,731	100.0	100.0	-1,224	-15.4

1/ Preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent. ** Less than 500 bales.

Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	Code	September 1-30			Season through September 30			Supply to October 1			Change in Supply	
		1969	1970	1969	1969	1970	1969	1969	1970	1970	1970 from 1969	1969
		Bales	Bales	Pct.	Bales	Bales	Pct.	Pct.	bales	bales	bales	Pct.
13/16"	(26)	953	8	0.1	*	1,642	8	0.1	*	2	0	-
& shorter		33,546	1,017	3.1	0.1	43,840	1,354	2.7	0.1	59	16	-43
7/8"	(28)	87,259	19,766	8.1	2.3	120,826	23,152	7.5	2.1	178	67	-111
29/32"	(29)	37,243	79,193	3.4	9.4	82,496	88,073	5.1	7.8	426	244	-182
15/16"	(30)	9,084	19,614	0.8	2.3	57,084	23,513	3.5	2.1	462	137	-325
31/32"	(31)	12,110	22,728	1.1	2.7	76,472	31,857	4.8	2.8	585	289	-296
1"	(32)	77,384	135,357	7.2	16.1	198,102	190,101	12.3	17.0	971	935	-36
1-1/32"	(33)	394,405	401,999	36.5	47.8	588,020	590,527	36.7	52.8	2,391	2,912	+521
1-1/16"	(34)	366,963	152,914	34.0	18.2	378,141	162,951	23.5	14.5	1,892	1,556	-336
1-3/32"	(35)	54,789	9,196	5.1	1.1	55,296	9,329	3.4	0.8	695	368	-327
1-1/8"	(36)	6,037	193	0.6	*	6,047	193	0.4	*	264	172	-92
1-5/32"	(37)	362	58	*	*	382	440	*	*	25	29	+4
1-3/16"	(38)	-	-	-	-	-	-	-	-	1	**	*
1-7/32"	(39)	-	108	-	*	10	550	*	*	4	4	0.1
1-1/4"	(40)	-	-	-	*	-	-	*	*	-	-	-100.0
& longer												
All staples		1,080,135	842,151	100.0	100.0	1,608,358	1,122,048	100.0	100.0	7,955	6,731	-1,224
												-15.4

1/ Preliminary.

* Less than 0.05 percent.

** Less than 500 bales.

Table 3. Specified measures of quality for upland ginnings 1/

Item	September 1-30		Season through September 30		Supply to October 1	
	1969	1970	1969	1970	1969	1970
Grade index (Mid. White=100)	93.2	91.6	93.3	91.4	93.2	93.0
Average staple, 32nd. inch	33.6	33.4	33.2	33.4	33.7	33.9
Rough preparation, percent	*	*	*	*	-	-
Tenderable, percent 2/	53.2	48.6	61.4	52.0	-	-
Average mike reading	4.7	4.6	4.6	4.5	-	-
Average fiber strength (Mpsi)	86.7	83.8	87.1	84.6	-	-

1/ Preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

* Less than 0.05 percent.

Table 4. Percentage distribution of micronaire readings for upland ginnings prior to October 1, 1970 with 1969 comparisons, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals						Average mike	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970		
																									Pct.	Pct.
N. C.	-	-	-	-	0.1	0.6	0.7	10.5	11.4	43.2	48.7	36.8	32.8	7.5	5.1	1.4	1.2	0.6	0.8	90.5	92.9	8.9	6.3	4.4	4.4	
S. C.	-	-	-	*	*	-	*	*	3.0	2.6	19.3	22.9	46.8	51.2	22.2	18.9	8.7	4.4	*	*	69.1	76.7	30.9	23.3	4.7	4.7
Ga.	-	-	-	-	*	*	*	0.3	0.4	4.5	8.6	35.4	35.6	44.2	29.9	12.5	25.5	3.1	*	0.3	44.6	84.1	55.4	15.6	5.0	4.6
Fla.	-	-	-	-	-	-	-	-	1.3	1.7	22.0	39.8	42.7	50.2	21.2	8.3	12.8	-	-	-	66.0	91.7	34.0	8.3	4.8	4.5
Ala.	-	-	-	-	*	*	*	*	3.0	3.4	23.8	32.3	46.5	49.9	20.4	12.1	6.3	2.3	*	*	73.3	85.6	26.7	14.4	4.7	4.6
Miss.	*	-	*	-	*	*	*	*	1.4	0.4	14.4	9.0	49.0	43.1	26.9	31.7	8.3	15.8	*	*	64.8	52.5	35.2	47.5	4.8	4.9
Tenn.	-	-	-	-	0.1	-	0.1	*	2.3	1.4	16.7	21.4	46.4	49.8	22.9	19.9	11.5	7.5	0.2	*	65.4	72.6	34.4	27.4	4.8	4.7
Mo.	-	-	-	-	0.2	0.1	0.4	0.4	5.2	4.5	20.4	32.3	40.4	42.6	21.4	15.3	12.0	4.8	0.6	0.5	66.0	79.4	33.4	20.1	4.7	4.6
Ark.	*	-	-	-	*	-	*	0.1	1.0	1.6	10.4	14.9	44.5	44.8	30.5	27.6	13.6	11.0	*	0.1	55.9	61.3	44.1	38.6	4.9	4.8
La.	-	-	-	-	*	-	*	-	0.7	1.6	10.9	15.1	50.2	45.7	28.8	28.2	9.4	9.4	*	-	61.8	62.4	38.2	37.6	4.8	4.8
Okla.	4.2	-	-	-	4.0	-	-	19.2	24.4	18.3	-	18.8	55.4	12.7	8.0	24.9	4.0	6.1	8.2	19.2	79.8	49.8	12.0	31.0	4.4	4.3
Tex.	*	0.4	0.4	1.3	1.4	1.8	1.5	17.5	11.6	44.3	37.0	27.5	38.4	4.6	8.0	2.6	1.7	3.5	3.3	89.3	87.0	7.2	9.7	4.3	4.4	
N. M.	-	-	-	-	-	-	1.1	-	27.1	25.2	61.0	49.6	9.7	25.2	1.1	-	-	-	1.1	-	97.8	100.0	1.1	-	4.1	4.2
Ariz.	-	-	0.1	0.2	0.4	0.2	0.5	0.5	16.4	9.7	53.6	46.3	26.6	36.8	2.3	5.6	0.1	0.7	1.0	0.9	96.6	92.8	2.4	6.3	4.3	4.4
Calif.	-	-	0.1	-	0.1	0.1	0.2	0.1	10.0	13.7	57.1	57.5	31.7	27.2	0.7	1.3	0.1	0.1	0.4	0.2	98.8	98.4	0.8	1.4	4.3	4.3
Other	-	-	-	-	2.2	-	-	-	-	17.6	45.9	27.1	29.2	37.7	14.2	15.4	10.7	-	2.2	-	82.4	89.3	15.4	10.7	4.4	4.1
U. S.	*	0.2	0.2	0.7	0.7	0.9	0.8	9.4	7.2	29.5	30.9	36.9	41.9	15.5	13.9	6.9	4.4	1.8	1.7	75.8	80.0	22.4	18.3	4.6	4.5	

1/ Preliminary.

* Less than 0.05 percent.

Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to October 1, 1970 with 1969 comparisons, by states 1/

State	Zero Gage Fiber Strength (Mpsi)																		Average strength		
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above				
	1969	Pct.	1970	Pct.	1969	Pct.	1970	Pct.	1969	Pct.	1970	Pct.	1969	Pct.	1970	Pct.	1969	Pct.	1970	Pct.	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mpsi	Mpsi
N. C.	-	-	-	-	-	3.7	10.1	31.5	38.9	38.7	37.3	22.2	10.8	2.7	2.9	1.2	-	-	-	85.0	81.7
S. C.	-	-	-	0.1	0.6	1.4	6.7	17.4	25.6	43.5	38.2	31.0	21.1	6.0	7.2	0.6	0.6	-	-	86.8	83.3
Ga.	-	-	-	0.1	0.1	2.1	2.0	14.6	12.5	38.7	34.1	32.1	35.5	10.0	13.5	2.0	2.2	0.4	0.1	84.1	84.6
Ala.	-	-	-	0.2	0.3	1.2	3.8	5.3	26.7	22.4	42.9	45.1	21.9	19.1	4.3	6.3	0.1	0.4	-	86.8	81.8
Miss.	-	-	-	0.4	*	*	2.2	2.8	16.1	24.8	43.2	46.3	33.2	21.9	4.5	3.7	0.8	0.1	-	86.9	83.2
Tenn.	-	-	-	-	-	-	0.6	4.0	17.0	34.4	48.8	41.9	31.2	17.7	1.5	2.0	0.9	-	*	86.0	83.1
Mo.	-	-	-	0.5	0.2	-	2.0	3.4	33.9	30.6	49.0	46.6	13.4	15.9	1.5	2.8	-	0.2	-	86.1	81.0
Ark.	-	-	-	-	-	*	0.7	2.0	14.8	24.5	45.1	46.9	27.7	22.1	11.3	4.2	0.4	0.3	-	87.3	83.8
Ia.	-	-	-	-	0.1	-	1.1	3.8	12.3	29.3	39.9	48.0	36.0	17.5	10.2	1.4	0.2	*	0.2	86.2	84.3
Okla.	-	-	-	-	-	4.5	-	11.2	-	29.5	-	40.6	-	14.2	-	-	-	-	-	84.5	-
Tex.	-	*	-	-	*	*	0.8	2.6	8.1	21.3	27.0	43.7	38.8	25.2	20.8	6.5	4.2	0.7	0.3	87.7	86.2
N. Mex.	-	-	-	-	-	-	-	-	2.2	0.4	-	4.2	6.6	23.7	60.3	30.1	26.5	41.6	4.4	98.0	93.1
Ariz.	0.1	-	-	-	-	0.2	*	11.3	1.4	46.7	27.1	33.6	54.8	6.9	14.9	1.2	1.8	-	-	84.0	86.4
Calif.	-	-	-	-	-	0.2	-	4.4	2.5	14.7	29.1	14.7	44.0	9.2	12.2	21.5	5.2	35.3	7.0	94.1	87.8
U. S.	*	*	0.1	0.1	0.1	1.4	3.3	13.2	24.8	34.6	43.9	34.7	21.9	13.5	5.0	2.4	0.9	0.1	87.1	84.6	

1/ Preliminary.

* Less than 0.05 percent.

Table 6. Percentage distribution of the grade of upland cotton ginned prior to October 1, 1970 with 1969 comparisons, by states 1/

State	White										Light Spotted						Other colored	Below Grade	Grade index 2/												
	SM (21) & higher		M+ (30)	M (31)	SLM+ (40)	SLM (41)	LM+ (50)	LM (51)	SGO+ (60) & lower	SM (22) & higher	M (32)	SLM (42)	LM (52)																		
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970					1969	1970									
N. C.	-	1.3	-	-	9.1	9.4	1.0	2.2	36.7	53.5	3.6	8.8	18.5	17.5	3.5	1.2	-	-	0.7	0.1	14.9	4.7	8.4	1.2	1.9	0.1	1.7	*	89.3	92.2	
S. C.	0.9	0.5	-	*	14.8	10.5	0.2	0.4	22.9	34.3	1.0	2.4	12.3	14.5	2.3	1.2	-	0.1	5.0	4.5	16.8	18.4	18.2	9.9	3.8	2.9	1.8	0.4	88.9	90.4	
Ga.	1.5	0.6	*	*	10.6	4.0	0.9	0.3	25.0	31.0	1.7	0.9	13.8	13.5	2.3	1.4	-	0.1	2.3	2.1	17.3	25.0	15.5	14.3	7.6	5.2	1.5	1.6	88.5	88.3	
Fla.	1.3	-	-	-	15.3	7.0	-	-	19.2	39.3	-	1.3	22.7	13.0	-	0.9	1.3	-	8.1	3.5	16.6	23.3	10.3	9.9	5.2	1.8	-	-	90.3	90.3	
Ala.	2.9	3.3	-	0.1	23.9	25.0	0.8	1.4	36.4	31.9	1.2	1.6	5.2	6.0	0.2	0.4	0.9	0.9	12.6	11.2	11.0	12.5	3.0	3.3	1.8	2.3	0.1	0.1	94.5	94.3	
Miss.	4.3	8.9	*	*	19.0	24.6	0.4	0.9	53.6	46.5	0.4	0.6	10.4	8.9	0.7	0.3	0.1	0.1	1.9	2.7	7.4	4.7	1.6	1.4	0.1	0.3	0.1	0.1	93.9	95.1	
Tenn.	4.2	2.9	*	*	27.5	23.5	0.6	0.9	44.8	41.1	0.6	1.0	7.0	5.0	0.2	0.3	0.1	-	6.3	9.5	6.5	12.2	1.6	1.6	0.5	1.9	0.1	0.1	94.9	94.4	
Mo.	0.5	0.2	-	-	19.7	11.1	0.5	0.6	62.4	57.6	1.4	0.3	1.5	1.3	*	-	0.1	-	4.8	11.3	8.3	15.0	0.3	0.4	0.5	2.2	*	-	94.7	93.9	
Ark.	1.1	1.6	0.1	-	22.2	18.7	1.2	0.7	55.4	52.4	3.8	1.5	5.4	4.5	0.2	*	0.1	*	2.7	6.3	6.9	12.5	0.8	1.1	0.1	0.6	*	0.1	94.4	94.2	
La.	2.0	1.3	*	-	36.4	25.2	1.0	0.3	48.0	51.1	0.6	0.2	1.7	3.3	0.1	0.1	0.1	-	6.8	6.9	2.7	9.7	0.2	1.1	0.4	0.8	*	*	96.2	94.8	
Okla.	-	-	-	-	7.9	6.1	4.0	-	39.7	-	4.0	-	27.8	-	4.0	-	-	-	-	31.5	-	37.5	-	-	-	8.2	24.9	4.4	-	88.7	92.6
Tex.	0.8	0.2	*	*	16.4	7.0	1.3	0.4	29.5	26.1	2.2	1.1	11.4	13.6	2.0	1.8	0.2	0.1	13.7	8.4	13.5	24.0	3.6	10.6	5.0	6.1	0.4	0.6	92.2	89.5	
N. M.	19.4	-	3.2	-	48.2	100.0	-	-	7.6	-	-	-	1.1	-	-	-	1.1	-	15.1	-	4.3	-	-	-	-	-	-	-	99.3	100.0	
Ariz.	1.0	1.2	-	-	44.3	58.5	1.4	1.4	32.8	22.7	0.2	0.1	3.4	1.3	0.2	0.2	0.1	0.3	10.1	11.9	4.5	1.5	1.6	0.2	0.3	0.7	0.1	-	96.3	97.8	
Calif.	0.2	2.2	*	-	39.3	65.8	9.7	0.7	42.4	25.7	1.1	0.1	2.7	1.2	0.1	0.1	-	-	1.3	0.6	2.5	1.0	0.5	1.2	0.2	1.1	-	0.3	96.2	97.7	
Other	2.2	15.0	-	-	35.8	32.9	6.6	-	48.8	37.1	-	-	-	15.0	-	-	-	-	6.6	-	-	-	-	-	-	-	-	-	96.8	96.1	
U. S.	1.7	1.7	*	*	20.5	13.8	1.1	0.6	39.8	33.5	1.8	1.3	8.7	10.9	1.2	1.2	0.2	0.2	8.8	7.0	10.3	17.9	2.9	7.5	2.7	4.0	0.3	0.4	93.3	91.4	

1/ Preliminary.

2/ Middling White equals 100.

* Less than 0.05 percent.

Table 7. Percentage distribution of the staple of upland cotton ginned prior to October 1, 1970 with 1969 comparisons, and total ginnings, by states 1/

State	7/8" (28) & shorter		29/32" (29)		15/16" (30)		31/32" (31)		1" (32)		1-1/32" (33)		1-1/16" (34)		1-3/32" (35)		1-1/8" (36)		1-5/32" (37)		1-3/16" (38) & longer		Average staple 2/		Total upland ginnings		
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Bales	Bales	Bales	Bales
N. C.	-	-	-	-	-	-	-	-	0.3	-	6.5	4.5	70.2	84.6	21.4	10.5	1.6	0.4	-	-	-	-	-	34.2	34.1	4,833	29,697
S. C.	-	-	-	-	-	-	-	-	*	0.1	4.6	5.4	59.7	56.2	33.0	34.6	2.7	3.7	-	*	-	-	-	34.3	34.4	20,240	74,821
Ga.	*	-	-	-	0.1	*	0.8	0.3	3.3	8.6	34.9	50.6	52.6	34.2	7.8	6.2	0.5	0.1	-	-	-	-	-	33.6	33.4	46,033	91,294
Fla.	-	-	-	-	-	-	-	-	9.0	0.9	47.6	46.2	31.9	51.6	10.5	1.3	1.0	-	-	-	-	-	-	33.5	33.5	841	2,200
Ala.	-	-	-	-	-	*	0.1	0.2	2.4	2.1	27.1	37.6	52.6	52.3	17.0	7.5	0.8	0.3	-	-	-	-	-	33.9	33.7	71,510	114,043
Miss.	-	-	-	-	-	-	*	-	0.1	0.1	3.6	6.5	43.3	55.9	50.5	36.2	2.5	1.3	*	-	*	-	-	34.5	34.3	207,291	111,284
Tenn.	-	-	-	-	-	-	0.1	*	0.8	0.4	15.3	15.9	67.4	76.7	15.2	6.9	1.2	0.1	*	-	-	-	-	34.0	33.9	87,322	30,205
Mo.	-	-	-	-	-	-	-	0.1	0.1	-	0.2	0.5	15.1	47.1	77.7	51.4	6.8	0.9	0.1	-	-	-	-	34.9	34.5	79,918	15,739
Ark.	-	-	-	-	-	-	*	-	*	*	0.7	2.4	22.4	46.6	54.8	47.9	20.9	3.1	1.2	-	*	-	-	35.0	34.5	182,378	58,565
Ia.	-	-	-	-	-	-	*	-	*	-	3.7	1.1	66.7	69.6	29.1	28.7	0.5	0.6	*	*	-	-	-	34.3	34.3	117,765	41,075
Okla.	-	6.1	-	18.8	-	6.1	11.9	38.0	32.5	-	4.0	6.1	15.9	24.9	23.8	-	11.9	-	-	-	-	-	-	33.4	31.2	428	197
Tex.	6.1	0.3	16.2	4.4	11.0	16.8	7.5	4.4	9.6	4.0	17.8	15.3	29.2	50.4	2.0	4.1	0.2	0.1	0.4	*	*	0.2	0.2	31.8	32.8	747,957	523,616
N. M.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	12.4	17.2	75.2	67.5	12.4	9.8	-	-	36.8	36.0	1,174	226
Ariz.	-	-	-	-	-	-	-	-	0.2	0.4	2.8	2.1	31.3	70.6	57.8	26.8	7.3	0.1	0.6	-	-	-	-	34.7	34.2	21,012	18,676
Calif.	-	-	-	-	-	-	-	-	-	0.3	0.1	2.4	29.8	53.9	67.4	28.9	2.7	14.5	-	-	-	-	-	34.7	34.5	19,112	10,270
Other	-	-	-	-	-	-	-	-	-	-	13.2	-	77.4	100.0	9.4	-	-	-	-	-	-	-	-	34.0	34.0	544	140
U. S.	2.8	0.1	7.5	2.1	5.1	7.8	3.5	2.1	4.8	2.8	12.3	17.0	36.7	52.8	23.5	14.5	3.4	0.8	0.4	*	*	*	*	33.2	33.4	1,608,358	1,122,048

1/ Preliminary.

2/ Expressed in thirty-seconds of an inch.

* Less than 0.05 percent.

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to October 1, 1970 with 1969 comparisons, by states ^{1/}

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1969	1970	1969	1970	1969	1970	1969	1970
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Carolina	16.6	14.6	-	-	-	-	16.6	14.6
South Carolina	17.6	14.0	0.2	-	*	-	17.8	14.0
Georgia	12.5	7.3	*	0.2	-	*	12.5	7.5
Florida	26.3	13.0	-	-	-	0.4	26.3	13.4
Alabama	5.6	8.0	-	*	*	*	5.6	8.0
Mississippi	7.1	11.0	*	0.1	0.1	0.1	7.2	11.2
Tennessee	10.2	6.5	*	0.2	*	*	10.2	6.7
Missouri	1.6	2.1	-	-	*	-	1.6	2.1
Arkansas	1.9	4.5	0.1	0.1	0.1	*	2.1	4.6
Louisiana	2.2	5.9	*	-	-	-	2.2	5.9
Oklahoma	-	6.1	-	-	-	-	-	6.1
Texas	1.9	3.8	0.9	2.6	*	*	2.8	6.4
New Mexico	5.4	-	-	-	-	-	5.4	-
Arizona	8.7	3.0	0.2	-	0.1	-	9.0	3.0
California	5.2	2.1	*	-	*	0.7	5.2	2.8
Other	-	15.0	-	-	-	-	-	15.0
United States	3.9	6.3	0.4	1.3	*	*	4.3	7.6

^{1/} Preliminary.

* Less than 0.05 percent.